

APPLICATION FOR PERMIT TO DRILL

For

BOOKCLIFF PETROLEUM INC.

West Bitter Creek
#27 - 33

SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27, T.18S., R.25E., SLB&M

Grand County, Utah

Prepared by:

Donald R. Dunckley

Dunckley Engineering & Operating

2004 Wood Court

Grand Junction, Colorado 81503

(303) 243-3846

May 12, 1982

RECEIVED
MAY 18 1982

UNITED STATES GEOLOGICAL SURVEY
1745 W. 1700 S., Suite 2000
Salt Lake City, Utah 84104

Attention: Mr. Ed Guynn

DIVISION OF
OIL, GAS & MINING

Re: West Bitter Creek
#27-33
SW SE Sec 27-18S-25E
Grand County, Utah

Dear Mr. Guynn:

Attached is an application to drill for subject well.

The archaeology survey report and designation of operation with the permit, will be forwarded under separate cover.

Please advise me when you can schedule the onsite, as we would like to drill this well by June 15, 1982.

Sincerely,


Donald R. Dunckley

cc: Bureau of Land Management
P.O. Box 970
Moab, Utah 84532

State of Utah Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. 6868 OIL & GAS OPERATIONS SERVICE RECEIVED		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR STATE NAME not applicable		
2. NAME OF OPERATOR Bookcliff Petroleum Inc.			7. UNIT AGREEMENT NAME None		
3. ADDRESS OF OPERATOR 109 Glade Park Road, Grand Junction, CO 81503			8. FARM OR LESSOR NAME SAL LAKE CITY, UTAH West Bitter Creek		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2395 FEL - 590 FSL At proposed prod. zone Same			9. WELL NO. 27-33		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 15 miles west of Mack, Colorado			10. FIELD AND POOL, OR WILDCAT Harley Dome		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 509'		16. NO. OF ACRES IN LEASE 640	17. NO. OF ACRES ASSIGNED TO THIS WELL 120		
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1800'		19. PROPOSED DEPTH 1830	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4830 GR			22. APPROX. DATE WORK WILL START* June 15, 1982		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8-5/8	24 K-55 ST&C	120 Ft.	Circ. cement to surface
7-7/8"	4 1/2"	10.5 #K-55 ST&C	1830 Ft.	500' above pay

- Exhibit A - Supplemental Information ("10 Point Plan")
B - Surface Use and Operations Plan
C - Designation of Operator
D - Preliminary Environmental Review
E - Water Use Authorization
F - Archaeology Survey Report
G - Drawings

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Donald R. Dunckley TITLE Engineer DATE 5/12/82
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY David C. Goff FOR E. W. Guynn
CONDITIONS OF APPROVAL, IF ANY: _____ TITLE District Oil & Gas Supervisor DATE JUN 11 1982

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO RULES
DATED 1/1/80

State O&G

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Bookcliff Petroleum Inc.

3. ADDRESS OF OPERATOR

109 Glade Park Road, Grand Junction, CO 81503

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2395 FEL - 590 FSL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 15 miles west of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

509'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1800'

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

1830

17. NO. OF ACRES ASSIGNED
TO THIS WELL

120

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4830 GR

22. APPROX. DATE WORK WILL START*

June 15, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{4}$	8-5/8	24 K-55 ST&C	120 Ft.	Circ. cement to surface
7-7/8"	4 $\frac{1}{2}$ "	10.5 #K-55 ST&C	1830 Ft.	500' above pay

Exhibit A - Supplemental Information ("10 Point Plan")

B - Surface Use and Operations Plan

C - Designation of Operator

D - Preliminary Environmental Review

E - Water Use Authorization

F - Archaeology Survey Report

G - Drawings

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 5/20/82BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

SIGNED

Donald R. Dunckley

TITLE Engineer

DATE

5/12/82

(This space for Federal or State office use)

PERMIT NO.

43-019-30-48

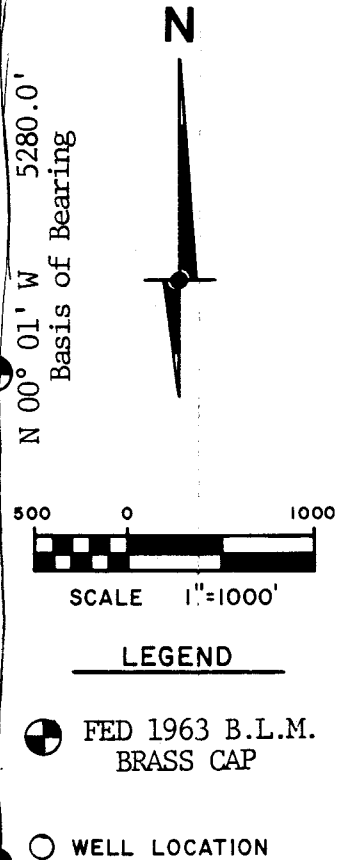
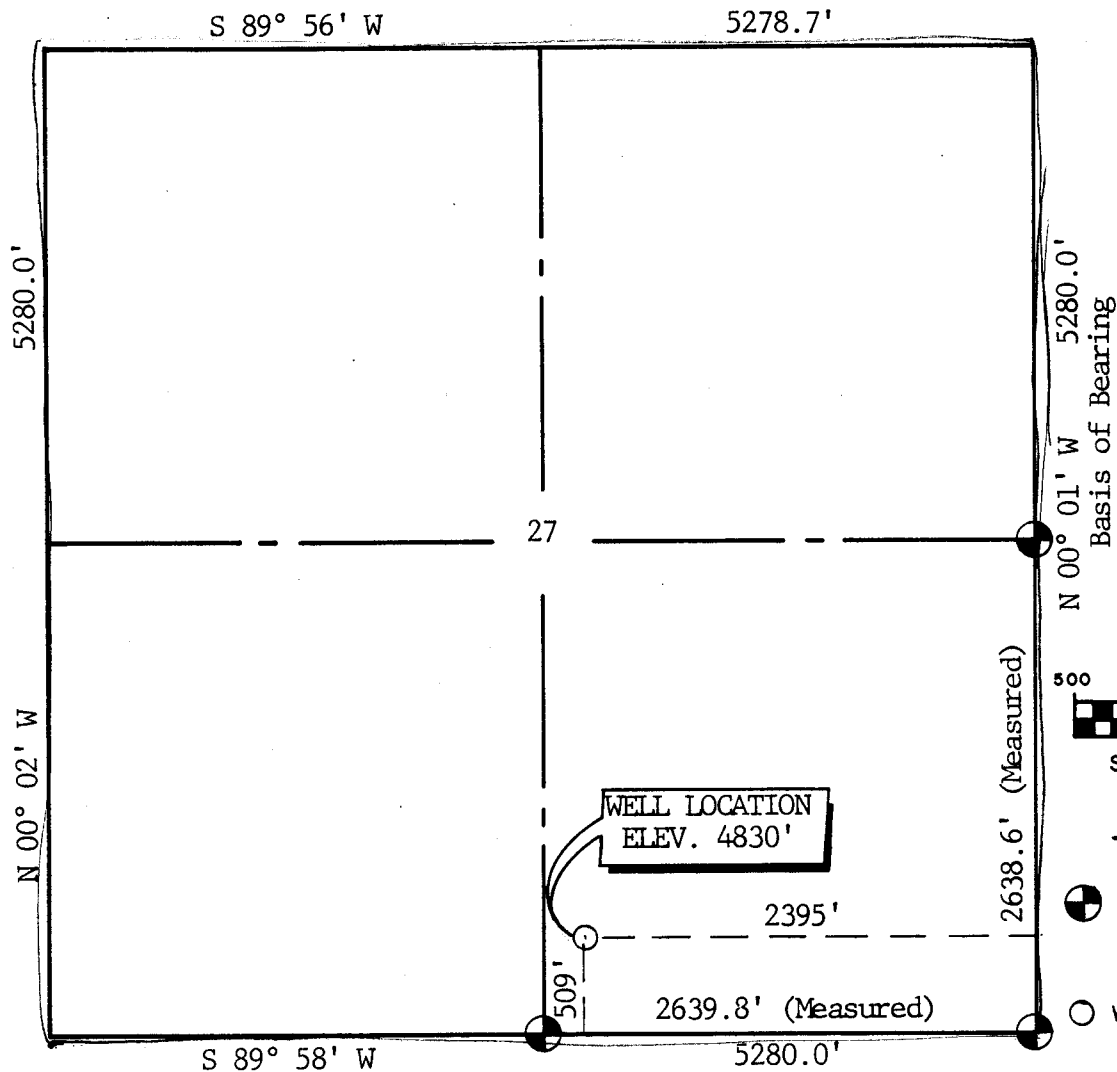
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

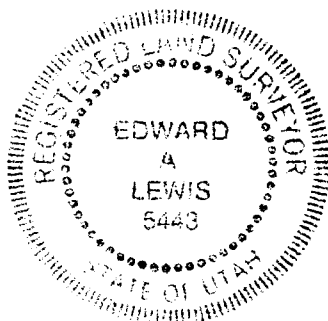


WELL LOCATION

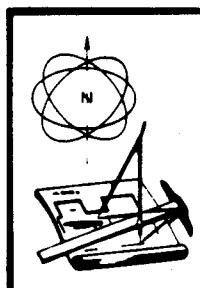
509 Ft. F.S.L.--2395 Ft. F.E.L.
Section 27, T. 18 S., R. 25 E., S.L.B. & M.
Grand County, Utah

SURVEYOR'S CERTIFICATE

I, Edward A. Lewis, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.



Edward A. Lewis
Edward A. Lewis LS 5443



ARMSTRONG ASSOCIATES, INC. ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS 861 Rood Avenue-Grand Junction, Colorado 81501-(303) 245-3861		
SCALE 1" = 1000'	BOOKCLIFF PETROLEUM, INC. WEST BITTER CREEK 27-33 (FED)	
DATE 05/05/82	FIGURE 1	
DRAWN BY LHS		
CHECKED BY	JOB NUMBER 823853	
DATE OF SURVEY 05/05/82		

EXHIBIT A
SUPPLEMENTAL INFORMATION
("10 Point Plan")

1. Geologic Name of Surface Formation

The surface formation is the Mancos Formation.

2. Estimated Tops of Important Geologic Markers

Dakota	940
Entrada	1780
Total Depth	1830

3. Estimated Depths of Water, Oil, Gas or Minerals

Gas 940 feet to total depth.

4. Proposed Casing Program

- (a) Set 8-5/8 inch new 24#, K-55, ST & C, to 120 ft. in 12-1/4 inch hole; circulate cement to surface.
- (b) Set 4-1/2 inch new, 10.5#, K-55, ST & C to 1830 feet in 7-7/8 inch hole; cement with 100 sacks Class "G", no additives.

5. Operator's Minimum Specifications for Pressure Control

A schematic diagram of the blowout preventer equipment is attached. The BOP will be hydraulically tested to full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period. Blind rams and annular preventer will be checked each time pipe

is pulled out of the hole. All checks of the BOP will be noted on the daily drilling reports.

Accessories to BOP will include an upper and lower Kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. Type and Characteristics of Proposed Circulating Mediums

The well will be drilled with air, and air mist as needed to 1830 feet; 200 barrels of 8.5 to 9# fresh water mud will be mixed up for use in case it is needed to kill well or for logging operations.

7. Auxiliary Equipment

- (a) A Kelly cock will be kept on the string at all times.
- (b) A stabbing valve will be on the floor to be stabbed into the drill pipe when the Kelly is not in the string.

8. Testing, Logging, and Coring Programs

The logging program will consist of a dual induction guard log, formation density compensated and compensated neutron density log. No coring or drill stem testing is planned at this time.

Completion plans call for selectively perforating the gas zone. No stimulation is planned at this time.

9. Anticipated Abnormal Pressures to Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area or at the depths proposed in this well.

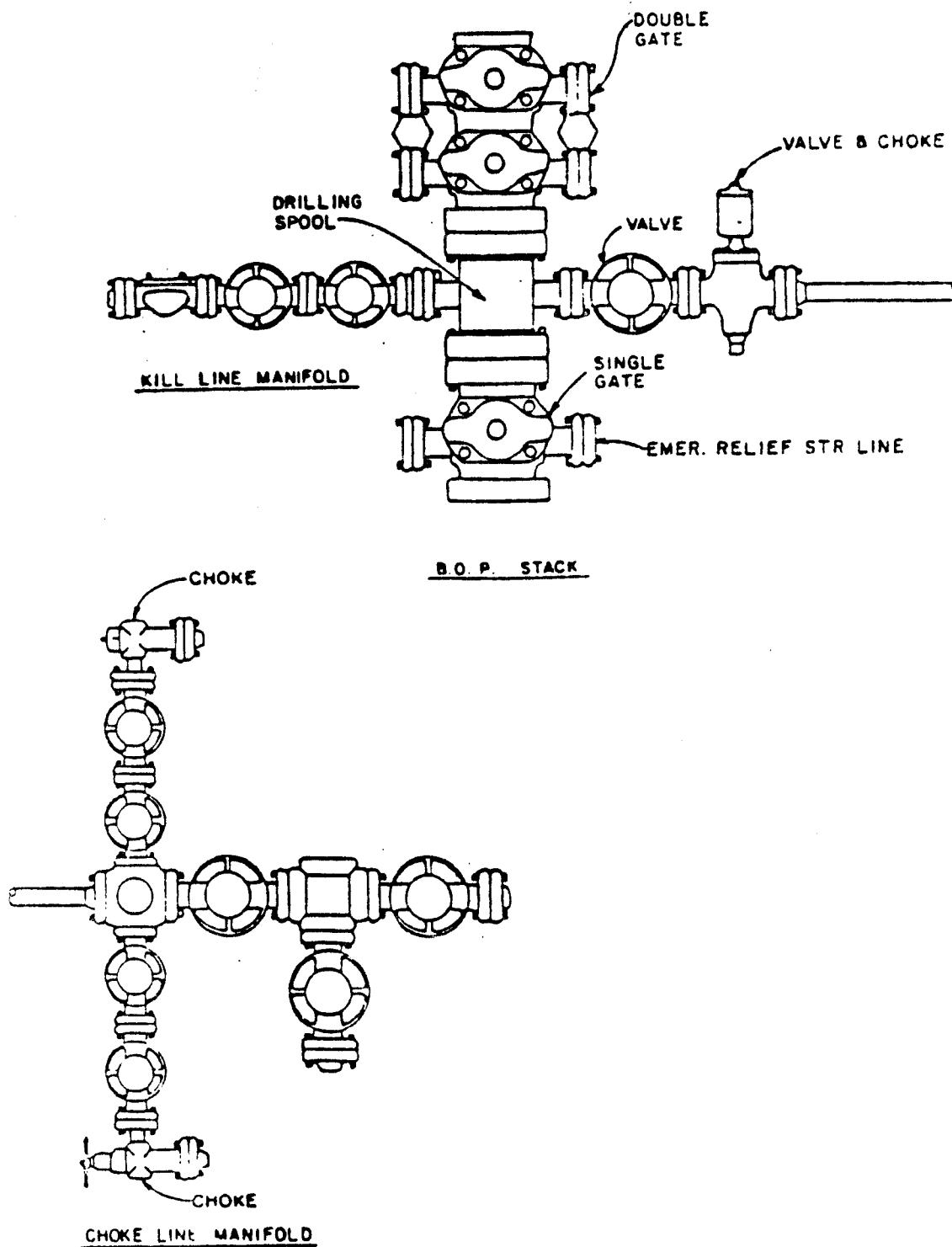
No hydrogen sulfide or other hazardous fluids or gasses are expected.

10. Anticipated Starting Date and Duration

The anticipated starting date for this well is 15 June 1982 or as soon thereafter as possible depending upon the availability of a drilling rig and approval of the permit to drill.

Rigging up is anticipated to take 2 days, and drilling should be completed within 7-10 days after spudding the well and drilling to casing point.

BLOW OUT PREVENTOR



	ARMSTRONG ENGINEERS and ASSOCIATES, INC.	
	ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING	
	861 ROOD AVENUE - GRAND JUNCTION COLORADO 81501 - (303) 245-3851	
	No scale	
	EAG	Bookcliff Petroleum Inc.
	Morrison	JOB NUMBER
		813586

EXHIBIT B

SURFACE USE AND OPERATIONS PLAN

1. Existing Roads

The proposed well is located approximately 15 miles West of Mack, Colorado on Highway 6 & 50.

Existing roads to be used for access to the proposed well are as follows: from Westwater exit on I-70 go East approximately 2.2 miles; turn left at East Canyon sign onto dirt road for 1.3 miles to another "T" intersection; then left on trail South-westerly approximately 3/4 mile to the proposed well site.

The surface, condition, and load capacities of existing roads within a three-mile radius of the proposed well are as follows:

Paved roads except for 1.3 miles country dirt and 3/4 mile of improved dirt road into location.

2. Planned Access Road

The new access road to be constructed will be approximately 2600 feet in length and 18 feet in width, crowned and ditched for drainage. The maximum grade will be 3%. Surfacing material will be native borrow material from cut areas. No additional road surfacing material will be needed.

3. Existing Wells

West Bitter Creek 27-33 is considered a development well. Within a two-mile radius there are two producing wells;

Landsdale #15 located NW¼ NW¼ Sec. 35, T.18S., R.25E., SLB&M and Landsdale #18 located SE¼ SE¼ Sec. 27, T.18S., R.25E., SLB&M, a dry hole marker lies on the NW¼ SE¼ Sec. 27, T.18S., R.25E., SLB&M, and in the SE SW Sec. 35, T.18S., R.25E. Refer to the drawing ("Existing Wells").

There are no other known drilling, producing, shut-in, disposal, inspection, monitoring, or abandoned wells in the subject area.

4. Existing and Proposed Facilities

Bookcliff Petroleum, Inc. has no facilities, owned or controlled, within a 1-mile radius of the proposed well location. There are gas gathering lines in the W½ of Section 27, carrying gas to the north. In the event of production of natural gas from the proposed well, a gathering line and production equipment will be required. Proposed production equipment will be as shown on Figure 8. The gathering line will be designed by Northwest Pipeline, a representative of which will be present during the onsite.

To protect livestock and wildlife, all pits on the well pad will be enclosed by a "stock tight" fence. A welded pipe guard will be installed around the wellhead.

Upon removal of production equipment, all disturbed areas will be rehabilitated, see item 10 below.

5. Location and Type of Water Supply

Water for the proposed well will come from Mack, Colorado. A water use authorization is not required. Water will be transported by truck over existing public roads and the proposed access road.

6. Source of Construction Materials

Construction materials for the proposed well pad and access road will be native borrow material accumulated during construction. No borrow pits will be utilized.

The only construction materials needed from outside the location would be gravel for a pad under the separator and/or dehydrator unit. Gravel would be trucked into the location over the access road by the dirt contractor from the nearest commercial pit.

No access roads other than as shown on Figures 3 and 4 will be needed for hauling construction materials.

7. Methods for Handling Waste Disposal

Cuttings, and produced fluids will be disposed of in the reserve pit, which will be constructed below existing ground level, on the cut side of the well pad. Drilling fluids will be contained in steel mud pits and the reserve pit.

Dust produced during drilling operations will be suppressed by water mist injection as needed.

A portable chemical toilet will be provided for human waste disposal during drilling operations.

Garbage, trash, and other waste material will be contained in a fine-mesh wire trash cage, see Figure 7. After the drilling rig moves out, the trash cage will be hauled away by truck for disposal at an approved disposal site and all remaining waste material will be cleaned up and removed from the well pad.

8. Ancillary Facilities

There will be no camps, airstrips, off-site staging areas, or other ancillary facilities necessary for the proposed well.

9. Well Site Layout

The well site layout is as shown on Figures 5, 6, and 7. Pits will be unlined.

10. Plans for Restoration of Surface

In the event of a dry hole or upon eventual abandonment of the well, the well pad and access road will be rehabilitated.

Waste material will be removed from the well pad, see Item 7.

The fill material on the well pad and access road will be pushed back into the cut areas to return the surface as nearly as possible to its original contour. The slope of the well location prior to construction is approximately 3%, i.e., elevation

change of 3 feet in a distance of 100 feet. After rehabilitation, the well pad will be restored to a slope of approximately 3% which should afford excellent revegetation success.

After recontouring the well pad and access road, the previously stockpiled surface material will be spread over the disturbed area. Reseeding will be done according to timing and seed mixture specifications provided by the Grand Resource Area BLM office, Moab, Utah.

The reserve pit will be fenced on three sides prior to the start of drilling and will be enclosed by fencing the fourth side prior to rig release. All other pits will be fenced and will be so maintained until final cleanup. Any oil or condensate on a pit will be promptly cleaned up or covered. During the producing life of the well, overhead flagging or netting will be installed on any pit used to handle well fluids.

Restoration activities will begin within 90 days after completion of the well. Final cleanup will be completed within 30 days after start of work, but will be delayed until the reserve pit has dried up. Reseeding will be done in the fall of the year after completion of final cleanup. Above ground facilities will be painted Desert Tan or another color specified by the Grand Resource Area BLM office to blend with surrounding landscape.

11. Other Information

The surface ownership for the well location and for all lands to be crossed by the proposed access road is BLM. The surface use is winter livestock grazing, petroleum production, and recreation.

The topography of the immediate area is of a rolling nature due to erosion gulches flowing southeasterly, draining to the Colorado River.

The soil is light brown sandy silt (Type ML) with numerous small wind-polished rocks on the surface. The soil surface contains approximately 10% rocks.

Slope in the immediate vicinity of the proposed well site is 3% with an southerly aspect.

The nearest occupied dwelling is in Westwater, Utah, approximately 4 miles west of the proposed well location.

Vegetation in the area is of semi-desert type, dominated by saltbush and rabbitbrush. The following species were observed:

Black Sage

Fourwing Saltbush

Big Rabbitbrush

Small Rabbitbrush

Shadescale

Halogeton
Utah Beavertail Cactus
Cheatgrass

There are no known Threatened or Endangered plants in the locale.

The subject area provides habitat for various game and non-game mammals, as well as birds, reptiles and insects.

There are no known endangered species of animals in the subject area. Although no wildlife was observed during the visual inspection. The following species are known to inhabit the area:

Kestrel or Sparrow Hawk	Gophers
Killdeer	Pronghorn Antelope
Western Meadowlark	Coyote
Raven	Jackrabbit
Horned Lark	Desert Kangaroo Rat
Various Owls	Various Mice

12. Authorized Representative

Bookcliff Petroleum Inc.'s authorized field representative responsible for assuring compliance with this surface use and operations plan is Donald Dunckley, whose address is: 2004 Wood Court, Grand Junction, Colorado 81503, telephone number: (303) 243-3846.

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Bookcliff Petroleum Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

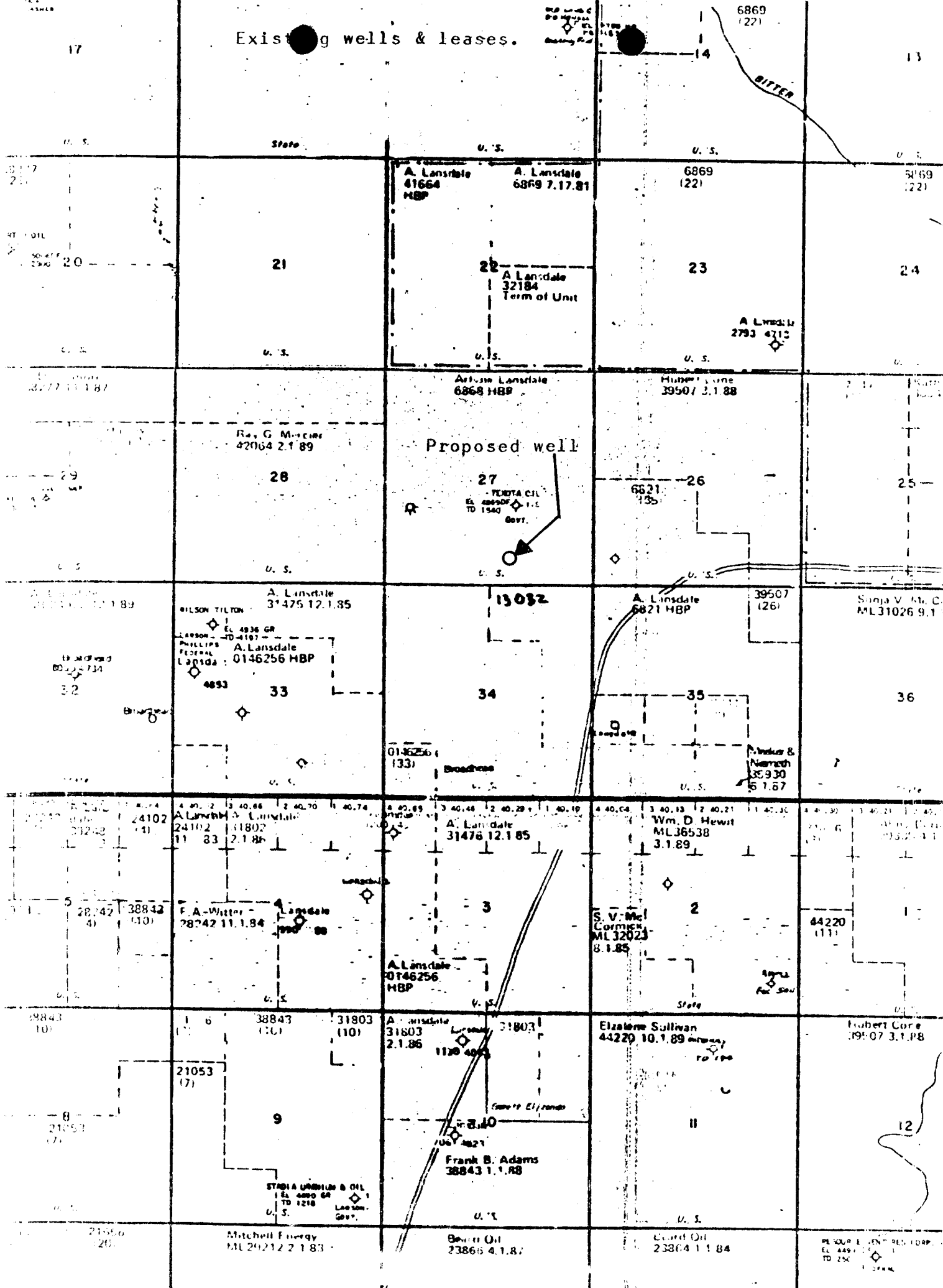
5/12/02

Date

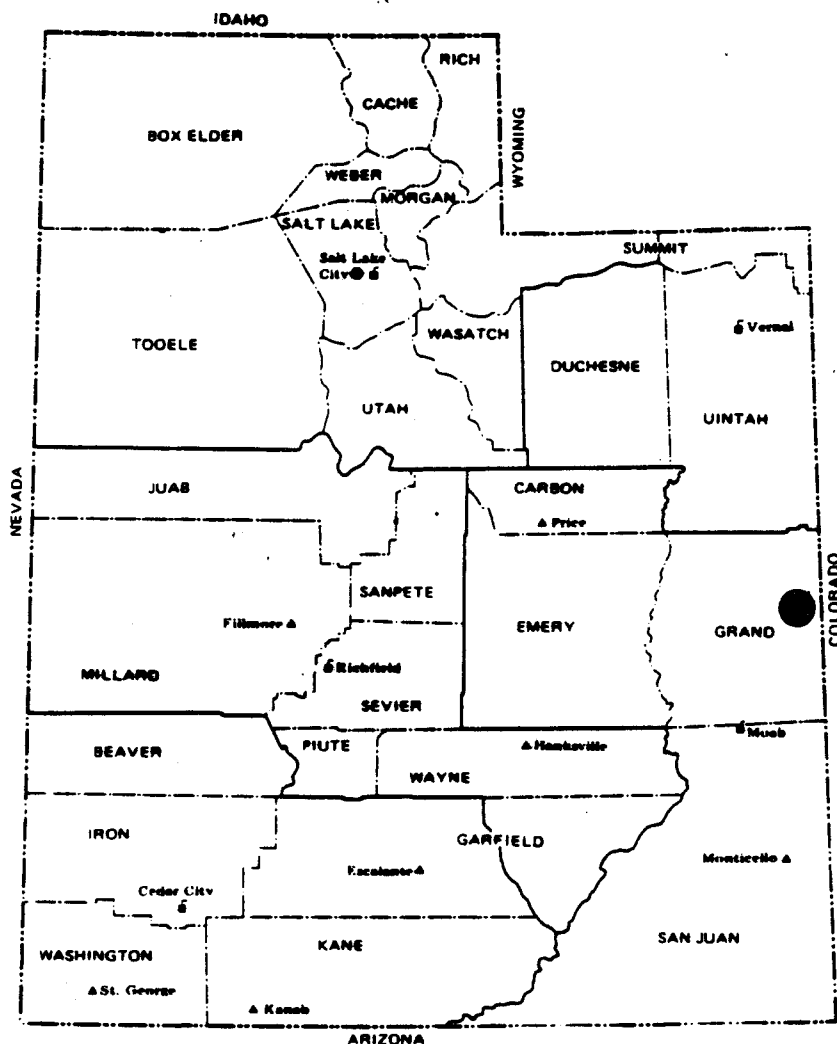
Donald Dunckley

Donald Dunckley, Engineer

Existing wells & leases.



AREA MAP



Proposed
Well
Location



LEGEND

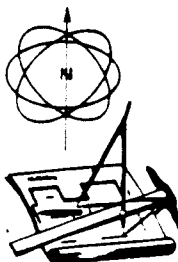
● State Office

■ District Office

▲ Area Office

— BLM District Boundaries

- - - County Boundaries



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

SCALE 1" = 50mi

DATE 5/7/82

DRAWN BY

CHECKED BY J.A. Bare

DATE OF SURVEY 5/5/82

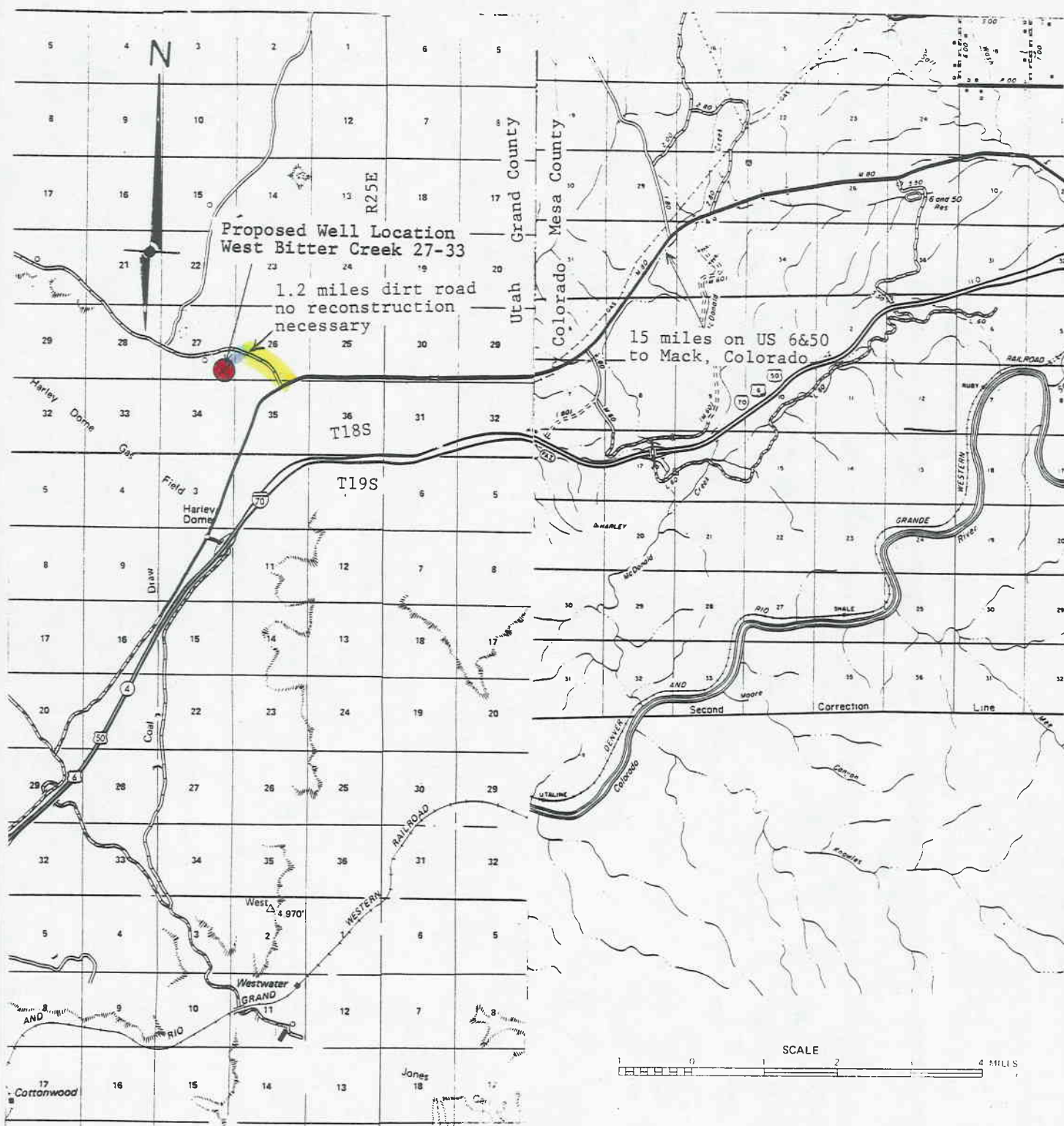
BOOKCLIFF PETROLEUM INC.
WEST BITTER CREEK 27-33
FED

FIGURE 2

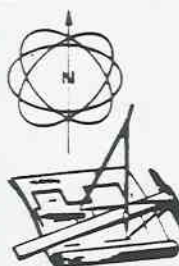
JOB NUMBER

823853

EXISTING ROADS



From:
General Highway Map
Grand County, Utah
Mesa County, Colo.
1977



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ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE — GRAND JUNCTION, COLORADO 81501 — (303) 245-3861

SCALE Shown

DATE 5/7/82

DRAWN BY

CHECKED BY
J. A. Bare

DATE OF BIRTH 5/5/82

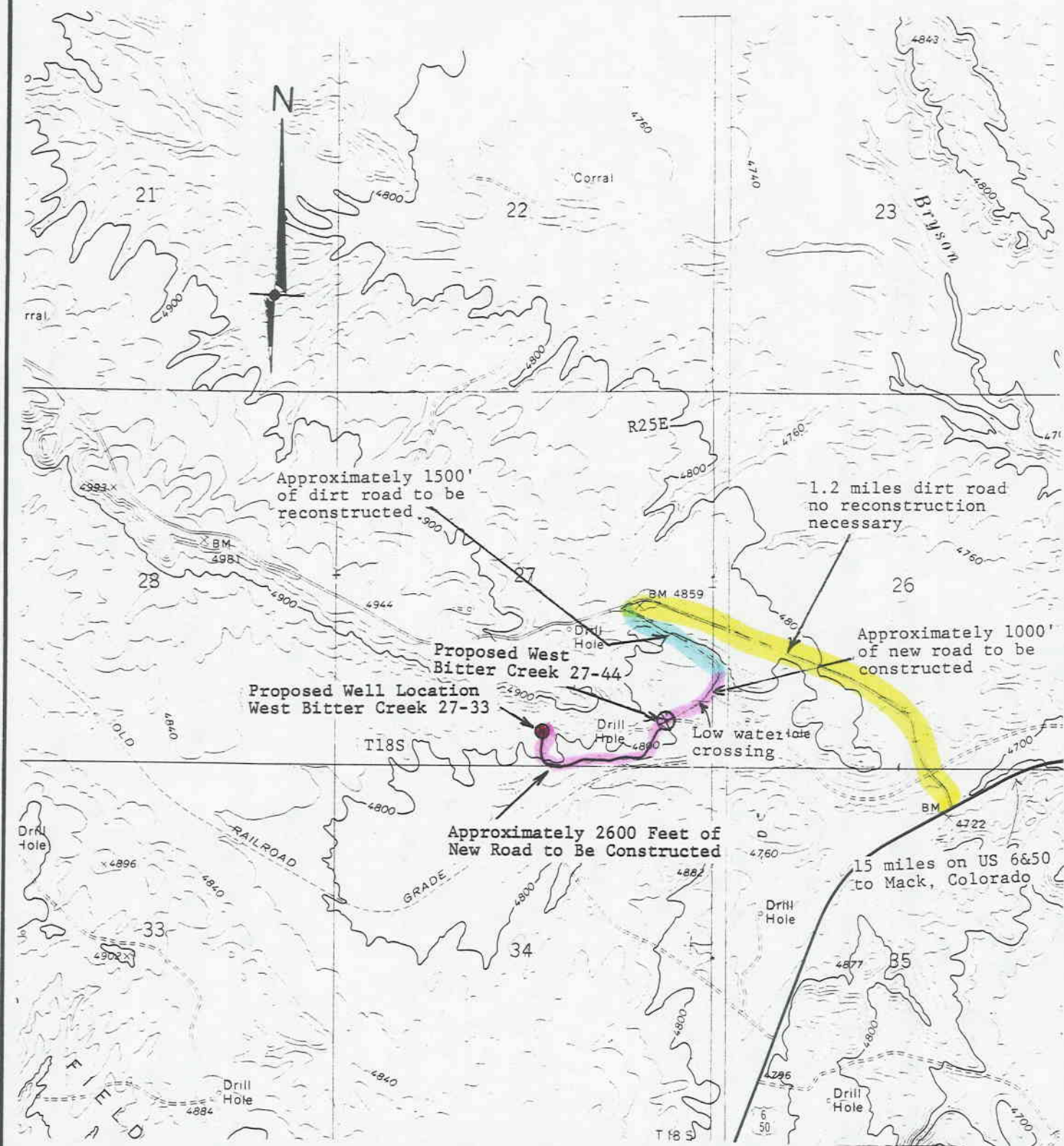
BOOKCLIFF PETROLEUM
WEST BITTER CREEK 27-33
FED

FIGURE 3

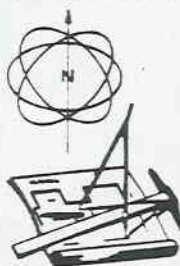
JOB NUMBER

823853

PLANNED ACCESS ROADS



From:
Bitter Creek Well, Ut.-Co.
Harley Dome, Utah
U.S.G.S. 7.5 min. series
1970



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ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

SCALE: 1"=2000'
DATE: 5/7/82
DRAWN BY:
CHECKED BY: J.A. Bare
DATE OF SURVEY: 5/5/82

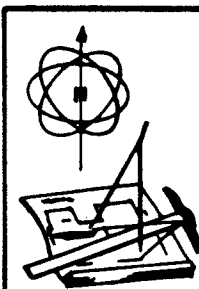
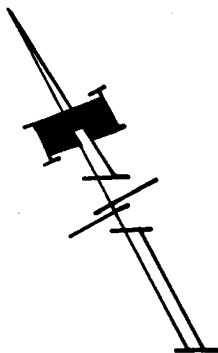
BOOKCLIFF PETROLEUM INC.
WEST BITTER CREEK 27-33

FIGURE 4

JOB NUMBER
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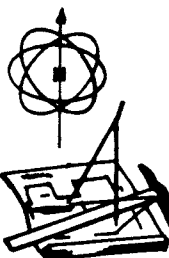
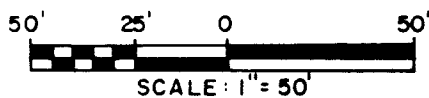
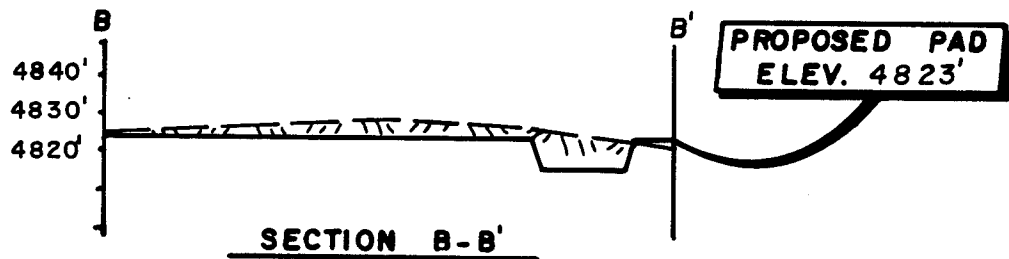
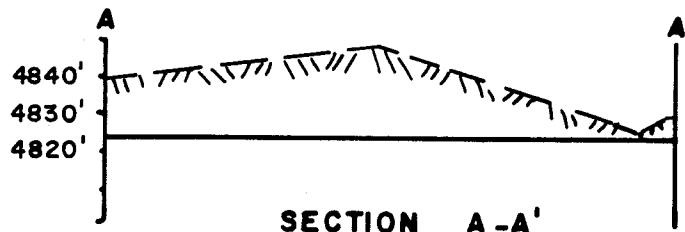
The map displays a well location at an elevation of 4830, marked by a circle. Contour lines are labeled with elevations such as 4840, 4835, 4830, 4825, and 4820. A dashed line indicates a 'Proposed Access' path. A '6' DEEP DRAINAGE' line is shown on the right side. The map includes a grid with labels like C14, S60E, C23, 150', C5, C6, C2, C1, 75', 40', C4, 10', F2, C7, 150', 25', F1, 100', RESERVE PIT, GRD., 30', FLARE PIT, F1, 150', F4, F6, N60W, C2, 140', F1, and F4. A callout box points to a well location with an elevation of 4830. A dashed line indicates a 'Proposed Access' path. A '6' DEEP DRAINAGE' line is shown on the right side. The map is oriented with North at the top, indicated by arrows labeled A, B, and C.

C.I.= 5'



JOB NUMBER
823853

CROSS SECTIONS



ARMSTRONG & ASSOCIATES, INC.

ENGINEERS · ARCHITECTS · SURVEYORS · SOIL TESTING · GEOTECHNICIANS
861 ROOD AVE. - GRAND JUNCTION, COLORADO 81501 - (303)245-3881

SCALE 1" = 50'

DATE 5-6-82

DRAWN EAG

CHECKED

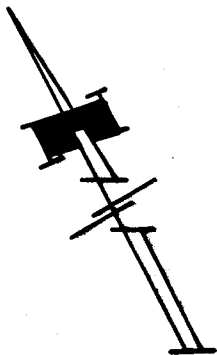
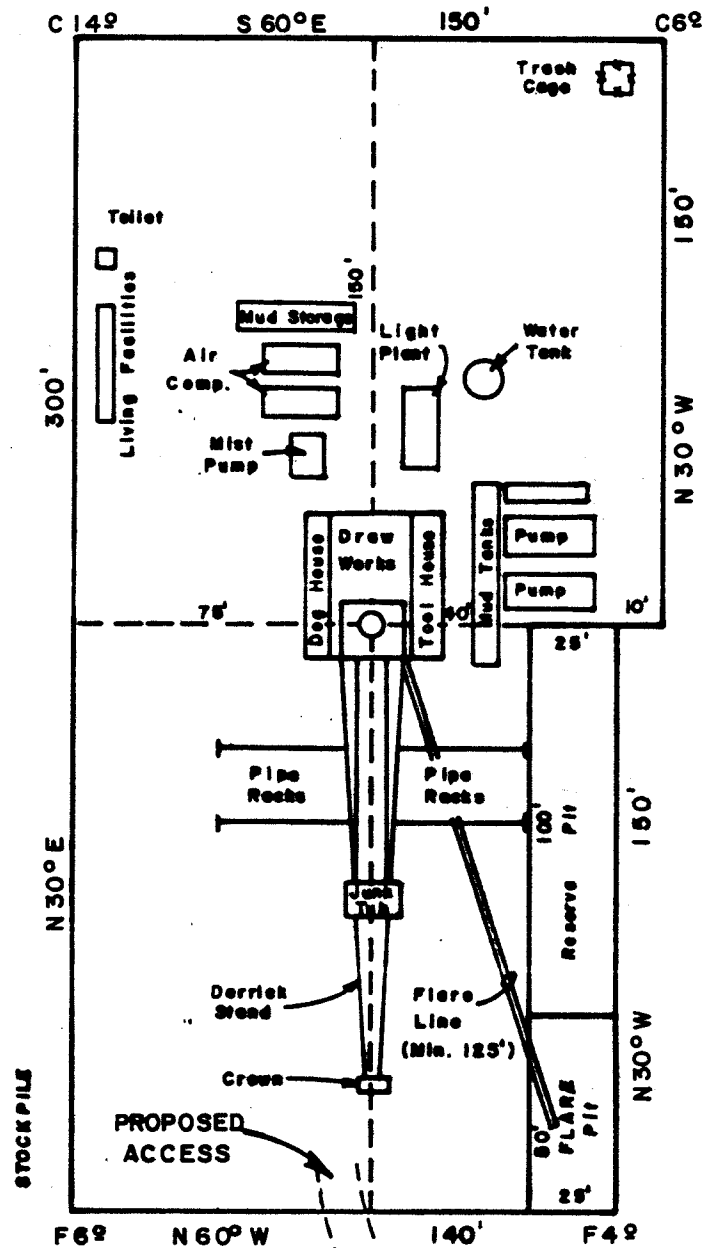
SURVEY 5-5-82

BOOKCLIFF PETROLEUM INC.
WEST BITTERCREEK 27-33

FIGURE 6

JOB NUMBER
823853

RIG LAYOUT



ARMSTRONG & ASSOCIATES, INC.		
ENGINEERS - ARCHITECTS - SURVEYORS - G.E.L. TESTING - GEOTECHNICALS		
501 HISS AVE. - GRAND JUNCTION, COLORADO 81501 - (303) 244-5551		
SCALE	1" = 50'	BOOKCLIFF PETROLEUM INC. WEST BITTERCREEK 27-33
DATE	5-6-82	
BY	EAG	
FIGURE		FIGURE 7
DATE	5-5-82	
		823853

GRAND COUNTY ROAD DEPARTMENT

Application for Right-of-Way Encroachment Permit

Date May 12, 19 82

To: Road Supervisor
Grand County Road Department

Application is hereby made by: (1) Bookcliff Petroleum, Inc.

Address (2) 109 Glade Park Road, Grand Junction, Colorado 81503

Telephone number (303) 242-0484 for permission to do the following: (3)
Use existing improved dirt road to haul drill rig and associated
traffic to and from proposed well location. Westwater Exit I-70
for a distance of 2 miles on old highway.

(4) Location: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 27, Township 18 South, Range 25 East,
SLB&M; Grand County, Utah.

City Westwater, Utah County Grand State or U.S. Highway No.

Milepost No. in accordance with the attached plan. (5)

(6) Construction will begin on or about June 15, 19 82

and will be completed on or before June 30, 19 82

* or soon as APD is approved.

If the proposed installation requires breaking of the pavement, give the following information:

a. Type of pavement: N/A

b. The opening to be made will be feet long by
feet wide and feet deep.

c. A bond in the amount of \$ has been posted with

Telephone number , to run for a term of
three (3) years after completion of work to guarantee satisfactory performance.

If this permit is granted, we agree to comply with all conditions, restrictions and regulations as contained in the "Regulations for the Control and Protection of State Highway Rights-of-Way" approved by the Utah State Road Commission on October 8, 1962, and all revisions thereto.

Donald R. Dunckley

By Donald R. Dunckley Owner
Signature

Engineer

Title

To be filled in by Road Supervisor

(1) Permit ☐ should ☐ should not be granted.

(2) Additional requirements which should be imposed.

Road Supervisor

✓

**** FILE NOTATIONS ****

DATE: May 20, 1982

OPERATOR: Bookcliff Petroleum Inc.

WELL NO: West Bitter Creek #27-33

Location: Sec. 27 T. 18S R. 25E County: Grand

File Prepared:



Entered on N.I.D:



Card Indexed:



Completion Sheet:



API Number 43-019-30948

CHECKED BY:

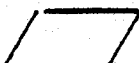
Petroleum Engineer: ph

Director:

Administrative Aide: Yes per order below

APPROVAL LETTER:

Bond Required:



Survey Plat Required:



Order No. 102-116B, 9-26-79

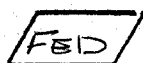
O.K. Rule C-3



Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site



Lease Designation



Plotted on Map



Approval Letter Written



Hot Line



P.I.



May 25, 1982

Bookcliff Petroleum, Inc.
109 Glade Park Road
Grand Junction, Colo 81503

RE: Well No. West Bitter Creek #27-33,
Sec. 27, T. 18S, R. 25E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-160, dated September 26, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455


Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30948.

Sincerely,

DIVISION OF OIL, GAS AND MINING


Ronald J. Firth
Chief Petroleum Engineer

RJF/db
CC: Minerals Management Service
Enclosure



United States Department of the Interior

IN REPLY REFER TO

3109
(U-068)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

Memorandum

JUN 04 1982

To: Oil & Gas Office, Minerals Management Service
P.O. Box 1037
Vernal, Utah 84078

From: Area Manager, Grand

Subject: Application to Drill (APD)
Bookcliff Petroleum 27-33, U-6868
Section 27, T., 18 S., R. 25 E.
Grand County, Utah

On May 26, 1982 a representative from this office met with Cody Hansen, Minerals Management Service (MMS), and Don Dunckley, agent of Bookcliff Petroleum for an inspection of the above referenced location. Subject to the attached conditions and written approval from MMS, I am approving the surface management portion of the Application for Permit to Drill.

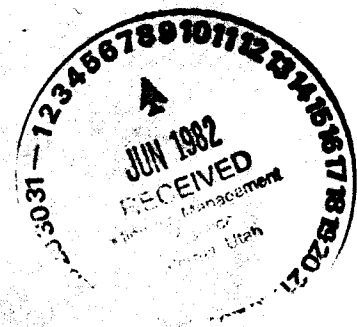
The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Due to antelope kidding grounds in the area, construction will not start until June 20, 1982.

Please forward the enclosed information to Bookcliff Petroleum Inc.

Enclosures (3)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Productions Facilities

ACTING



ADDITIONS TO THE MULTIPPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES

CONSTRUCTION:

1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah (phone (801) 259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
5. Improvement to the existing road will be necessary. The total disturbed width allowed will be 30 feet. The allowable travel surface will be 18 feet. Where pipelines are buried along road total disturbance may be up to 35 feet. All lines will be buried and rehabilitated in the same manner as the well pad.

New road construction will be limited to an allowable travel surface width of 18 feet. For construction design and survey refer to class III road standards attachment.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

6. Location: Rotate 180 degrees to put pit in cut instead of fill.
7. The top 4-6 inches of soil material will be removed from the location and stockpiled on the south side of the location. Topsoil along the access will be reserved in place.

8. The reserve pit will not be lined with commercial bentonite or plastic. Keyway. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over.
9. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 36 inch woven wire with one strand barbed wire on top.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM Office in Moab, Utah, phone (801) 259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. The disturbed areas will be scarified with the contour to a depth of 8 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any use/vehicle use.
9. Waterbars will be used on all sloping surfaces as shown below:

Grade

2%
2-4%
4-5%
+5%

Spacing

200 feet spacing
100 feet spacing
75 feet spacing
50 feet spacing

PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a class III road.
4. Due to the antelope kidding grounds in the area construction will not start until after June 20th, 1982. Rehabilitation of pad (or non-production areas) and road must start within 90 days after well completion or abandonment.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

SEED MIXTURE

<u>Species</u>		<u>Rate</u>
<u>Grasses</u>		<u>lbs./acre</u>
Elymus salinus	Salina wildrye	1
Hilaria jamesii	Galleta (Curlygrass)	1
Oryzopsis hymenoides	Indian ricegrass	1
Sitanion hystrix	Bottlebrush squirreltail	1
<u>Forbs</u>		
Helianthus annuus	Common sunflower (Kansas sunflower)	1
Sphaeralcea coccinea	Scarlet globemallow	1
<u>Shrubs</u>		
Eurotia lanata	Winterfat (Whitesage)	<u>1</u>

Broadcast seed will be applied at double the above rate.
Seeding will be done in the fall of the year (Oct. - Dec.)

7 lb/acre

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

Identification No. 30-82

JUN 8 1982 United States Department of the Interior
SALT LAKE CITY, UTAH Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Bookbitt Petroleum Inc.
Project Type Gas well - Wildcat
Project Location 2395 FEL 540 FSL SEC 27 T8S R 25E
Well No. 27-33 Lease No. W-6868
Date Project Submitted 5-18-82

FIELD INSPECTION

Date 5-26-82

Field Inspection
Participants

Craig Hansen mms-Uernal
Paul Brown Blm-morb
Beverly Lewis " "
Don Hankley Bookbitt Petroleum

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

6-1-82
Date Prepared

Craig Hansen
Environmental Scientist

I concur

JUN 08 1982
Date

W. Martin FOR E. W. GUYNN
District Supervisor DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety	<i>Blm</i> 6-7-82 /						2	5-26-82 2/4/6	
Unique charac- teristics	/						2	2/4/6	
Environmentally controversial	/						2	2/4/6	
Uncertain and unknown risks	/						2	2/4/6	
Establishes precedents	/						2	2/4/6	
Cumulatively significant	/						2	2/4/6	
National Register historic places	/								
Endangered/ threatened species	/								
Violate Federal, State, local, tribal law	/								

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

Recommended stipulations for Booke Cliff Engineering #27-33

1. Rotate location 180° to put pits
top cut material and allow room
for drilling operations
2. Production facilities will be
oriented to color to blend in with
the natural surroundings.
3. production flowline will follow
access road to main transmission
line.
4. topsoil will be placed on the south
edge of the location.
5. access road will be held to old
RAIL road grade. to reduce visual impact
6. operator will adhere to BLM
Surface Stipulations.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

SALT LAKE CITY, UTAH

IN REPLY REFER TO

3109
U-6868
(U-068)

Memorandum

To: District Engineer
Bureau of Land Management
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

From: Area Manager, Grand

Subject: Bookcliffs Petroleum Lease: U-6868
Well: 27-33
Section 27, T. 18 S., R. 25 E.
Grand County, Utah

On January 20, 1983 a representative from this office made an inspection of the above referenced location. The well has been drilled but not plugged or brought into production. There are two pits, both unfenced and full of trash. The pit on the west has breached sometime during or after drilling and has allowed pit fluids to run down a wash to the south about 1/8 mile and into a stock pond in section 34. This may be because the pad/pit were not built in accordance with the APD (pits on west at 90° angle to pad, not parallel to pad).

If production is not planned for this well, the pits should be filled in an all disturbed areas should be rehabilitated as outlined in the APD. Your immediate action on this matter is greatly appreciated.



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 6, 1983

Bookcliff Petroleum, Inc.
c/o Haymaker & Associates
1720 South Poplar, # 5
Casper, Wyoming 82601

Re: Well No. Shuttle # 3
Sec. 14, T. 18S, R. 25E.
Grand County, Utah

Well No. West Bitter Creek # 27-33
Sec. 27, T. 18S, R. 25E.
Grand County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

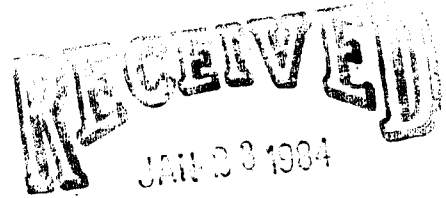
DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

Attn: Ron Firth

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104



June 23, 1983

DIVISION OF
OIL, GAS & MINING

Bookcliff Petroleum Inc.
3000 Grove
Denver, Colorado 80211

Re: Well No. 27-33
SW SE Section 27, T. 18 S., R. 25 E.
Grand County, Utah
Lease U-6868

Gentlemen:

A recent inspection of the referenced location discloses that the well has been drilled but not reported to this office as required.

Further, the well has not been brought into production or plugged. All delinquent Monthly Report of Operations (Form 9-329) are due at once and must be received by July 1, 1983.

Further, two pits exist which are both unfenced and full of trash. The pit on the west has breached sometime during or after drilling and has allowed pit fluids to run down a wash to the south for about 1/8 mile and into a stock pond in Section 34.

It is imperative that the necessary fencing and trash removal be accomplished at once. The Moab BLM shall be contacted concerning the spill from the breached pit.

Please advise this office of your plans and time frames for accomplishing the above clean up and repair.

Sincerely,

E. W. Guynn
Chief, Branch of Fluid Minerals

bcc: Well File
Lease File
BLM-Moab

WPM/kr



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 15, 1983

Bookcliff Petroleum, Inc.
c/o Haymaker and Associates
1720 South Poplar, # 5
Casper, Wyoming 82601

Re: Well No. West Bitter Creek # 27-33
590' FSL, 2395' FEL
SW SE, Sec. 27, T. 18S, R. 25E.
Grand County, Utah

Well No. West Bitter Creek # 27-44 *P&A*
600' FSL, 600' FEL
SE SE, Sec. 27, T. 18S, R. 25E.
Grand County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells are due and have not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

*Ron Firth contacted
Donald Dunkley
1/23/84*

Waiting for report

*Gililand
3/12/85*

CF/cf
Enclosure

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Well Records Specialist

DAYMON D. GILLILLAND

P. O. Box 1844
Grand Junction, CO 81502
(303) 241-3292

Division of Oil, Gas and Mining
355 West North Temple,
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

March 12, 1985

Re: Additions to Producing Entity Action Form

Gentlemen:

Operating as Gililland Energy Corporation, a Utah corporation, I have acquired the following wells in addition to the wells listed on the attached form:

T17S, R25E, Grand County, Utah

Section 13: SWSW 43-019-30412 Brushy Basin
Lansdale Fed. 13-13 Well

Section 14: SWNE 43-019-30279 Brushy Basin
Lansdale Fed. 14-1 Well

T18S, R25E, Grand County, Utah

Section 27: NWSW 43-019-30037 Morrison
Lansdale Gov't #8 Well

Section 27: SESE 43-019-30996 Morrison
Lansdale Gov't 27-44 Well
(Formerly the West Bitter Creek 27-44 Well)

Section 33: SWSE 43-019-20247 Morrison
Lansdale Gov't #1 Well

Section 35: SWNW 43-019-30017 Morrison
Lansdale Gov't #15

T19S, R25E, Grand County, Utah

Section 3: NWSW 43-019-30003 Entrada
Lansdale #4

Should you have any questions, please call.

Sincerely,



Daymon D. Gililland
President of Gililland Energy Corporation

RECEIVED

MAR 18 1985

DIVISION OF OIL
& GAS & MINING

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator Book Cliff Petroleum Representative Steve Carmack
 Well No. 27-33 Location 1/4 1/4 Section 27 Township 18S Range 25E
 Lease No. _____ Field _____ State GRAND, UTA

Unit Name and
 Required Depth U-6868 Base of fresh water sands _____

C.D. 1830' Size hole and
 Fell per sack _____ " _____ Mud Weight
 ' and Top _____ #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>7 7/8"</u>	<u>100'</u>			<u>105X @</u>	<u>Surface</u>	<u>Marker</u>
Formation	Top	Base	Shows	<u>150'</u>	<u>50'</u>	
<u>DAKOTA</u>	<u>950'</u>			<u>1100</u>	<u>900</u>	
<u>embank</u>	<u>1780'</u>					

REMARKS

OST's, lost circulation zones, water zones, etc., clean location,
level holes, level pit, note as per SOP

Approved by [Signature] Date 10-17-83 Time 11:04 a.m.
p.m.

cc: open w/und. of approval
 BLH. MORRIS w/und. of approval

CER
 CENTRAL BOOK
 WELL FILE

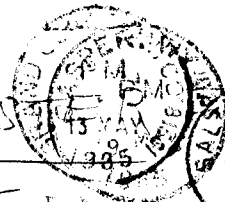


STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

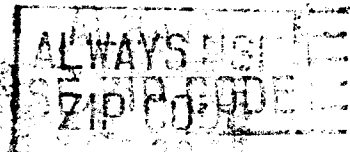
3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203

POSTMASTER

Please Forward



MAY-1885



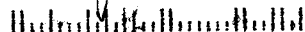
BOOKCLIFF PETROLEUM INC

~~C/O HAYMAKER & ASSOC~~

~~1720 S POPLAR # 5~~

~~GASPER, WY 82601~~

109 Glade Park Road
Grand Junction CO



81503

an equal opportunity employer



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 1, 1985

Bookcliff Petroleum, Inc.
c/o Haymaker & Associates
1720 South Poplar, Suite #5
Casper, Wyoming 82601

Gentlemen:

Re: Well No. West Bitter Creek #27-33 - Sec. 27, T. 18S., R. 25E.,
Grand County, Utah - API #43-019-30948

According to information received by this office, the above referenced well is no longer operated by your company. We have not received the proper notification concerning this change.

Please submit a "Sundry Notice", form OGC-1b, with the name, address and phone number of the new operator and the date the change became effective. If there are any other wells affected, please submit a separate sundry for each well. We have enclosed forms for your convenience.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/5



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 1, 1985

Bookcliff Petroleum, Inc.
c/o Haymaker & Associates
1720 South Poplar, Suite #5
Casper, Wyoming 82601

2nd NOTICE

Gentlemen:

Re: Well No. West Bitter Creek #27-33 - Sec. 27, T. 18S., R. 25E.,
Grand County, Utah - API #43-019-30948

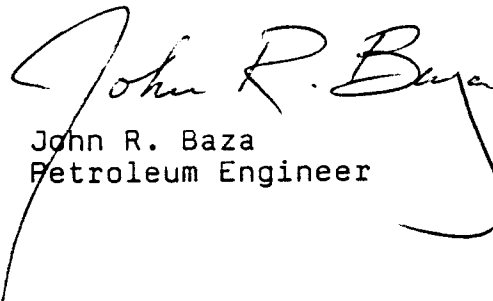
A recent inspection of the above referenced well indicates that the well has been spudded; however, this office has not received proper notification of spudding as requested in the letter of approval to drill.

Our records also indicate that you have not filed drilling reports for the months of inception to present on the above referenced well. Our rules and regulations stipulate that these reports be filed by the sixteenth of each month until the well is completed.

The "Well Completion or Recompletion Report and Log" for the above referenced well is due and has not been filed with this office as required by our rules and regulations.

Enclosed are forms for your convenience in filing the necessary reports as soon as possible but no later than May 15, 1985.

Sincerely,



John R. Baza
Petroleum Engineer

pk
cc: Dianne R. Nielson
Ronald J. Firth
File

0170S/4



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 1, 1985

Bookcliff Petroleum, Inc.
c/o Haymaker & Associates
1720 South Poplar, Suite #5
Casper, Wyoming 82601

Gentlemen:

Re: Well No. West Bitter Creek #27-33 - Sec. 27, T. 18S., R. 25E.,
Grand County, Utah - API #43-019-30948

According to information received by this office, the above referenced well is no longer operated by your company. We have not received the proper notification concerning this change.

Please submit a "Sundry Notice", form OGC-1b, with the name, address and phone number of the new operator and the date the change became effective. If there are any other wells affected, please submit a separate sundry for each well. We have enclosed forms for your convenience.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/5

SUBMIT IN DUPLICATE

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-6868

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

West Bitter Creek
Lansdale

9. WELL NO.

27-33

10. FIELD AND POOL, OR WILDCAT

West Bitter Creek
Greater Cisco

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 27, T18S, R25E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1a. TYPE OF WELL:

OIL WELL ☐GAS WELL ☐DRY ☒

Other

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

Daymon D. Gililland (Successor to Bookc RECOVERED)

3. ADDRESS OF OPERATOR

P.O. Box 1844, Grand Junction, CO 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)

At surface 2395' FEL & 590' FSL (SW 1/4)

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-019-30948

DATE ISSUED

5-30-82

DIVISION OF OIL
GAS & MINING

15. DATE SPUDDED

8-27-82

16. DATE T.D. REACHED

9-7-82

17. DATE COMPL. (Ready to prod.)

10-25-82

18. ELEVATIONS (DF, RKB, RT, GB, ETC.)*

4830 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1830'

21. PLUG. BACK T.D., MD & TVD

1260

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

0-TD

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Gas show in morrison

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-CNL-FDC

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	100	12 1/2	Circulate to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

P & A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Notice of P&A

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Daymon D. Gililland

TITLE

Operator

DATE 7-2-85

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 23, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), annotations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUMULON USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERY			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pancos	surface	343					
Dakota	348	580					
Morrison	580	1200	Gas show, est. 100 Mcf/d open hole				
Entrada	1200	TD					

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
 (Other instructions on
 reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-6868
2. NAME OF OPERATOR Daymon D. Gililland (Successor to Bookcliff Pet. Corp)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 1844, Grand Junction, CO 81502		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2395 FEL & 509 FSL		8. FARM OR LEASE NAME West Bitter Creek
14. PERMIT NO. 43-019-30948		9. WELL NO. Lansdale 27-33
15. ELEVATIONS (Show whether DF, RT, OR, DIVISION OF OIL GAS & MINING) 4830 GR		10. FIELD AND POOL, OR WILDCAT Harley Dome
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW 1/4 Sec. 27, T18S, R25E
NOTICE OF INTENTION TO:		12. COUNTY OR PARISH 13. STATE Grand Utah

RECEIVED
 JUL 05 1985

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *			

Subsequent notice of abandonment as per BLM's 10-17-83 approval.

Well was abandoned by:

1. 15 sxs cement plug on top of Entrada @ 1190'
2. 15 sxs cement plug on top of Morrison @ 950'
3. 15 sxs cement plug at 150'
4. 10 sxs cement plug in surface pipe at the surface
5. Erected standard dry hole marker
6. Performed all surface rehabilitation work.

**ACCEPTED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING**

DATE: 7/11/85

BY: *John R. Bays*

18. I hereby certify that the foregoing is true and correct

SIGNED

Daymon D. Gililland

TITLE

Operator

DATE 7-2-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DAYMON D. GILILLAND

P. O. Box 1844
Grand Junction, CO 81502
(303) 241-3292

RECEIVED

July 2, 1985

JUL 05 1985

DIVISION OF OIL
GAS & MINING

Bureau of Land Management
Moab District
P.O. Box 970
Moab, Utah 84532

Attn: Mr. Tom Hare

Re: Economic viability of Harley
Dome and West Bitter Creek
Helium Project

Gentlemen:

At the present time negotiations are being conducted with three separate entities for the construction of a gas processing plant. It is anticipated that the primary products of this plant would be pipeline quality natural gas, liquid hydrocarbons, nitrogen and instrument quality helium.

Management personnel of the electric utility serving the area are encouraging us to build an electric co-generation facility by assuring us they will purchase the power at their avoided cost. It is our plan to use the waste heat generated by the co-generation plant in the gas processing facility and thereby greatly increasing the overall efficiency of the project.

Numerous well qualified chemical engineers, geologist, petroleum engineers and other professionals have assured us that this project is economically sound. Not one single qualified person has advised us to the contrary.

Attached are Sundry Notices concerning our plans for the wells located on the following leases: U-6868, U-6821, U-0146256, U-31802. As you know these are Harley Dome and West Bitter Creek leases. Also enclosed are Sundry Notices for wells located on U-03759 and U-010847. Should you require anything additional to satisfy the requirements of the outstanding INC's, please advise.

Your cooperation in our joint effort in this matter is greatly appreciated. It is my intention to get everything in good order, have the BLM's recognition of such and to keep it in full compliance with your rules and regulations as well as those of the Department of Interior and the Bureau of Mines.

Sincerely,


Daymon D. Gililland

cc: K. Stone, Security Pacific National Bank
Division of Oil, Gas & Mining, State of Utah
BLM, Moab Grand Resource Area



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 29, 1985

Daymon D. Gililland
P.O. Box 1844
Grand Junction, Colorado 81502

Gentlemen:

Re: Well No. Lansdale 27-33 - Sec. 27, T. 18S., R. 25E.,
Grand County, Utah - API #43-019-30948

According to our records a "Well Completion Report" filed with this office July 2, 1985 on the above referenced well indicates the following electric logs were run: DIL-CNL-FDC. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than September 11, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/10

DAYMON D. GILILLAND

P. O. Box 1844
Grand Junction, CO 81502
(303) 241-3292

Division of Oil, Gas & Mining
3 Triad Center, Suite 350
355 W. North Temple
Salt Lake City, UT 84180

September 9, 1985

ATTN: Pam Kenna

Re: Your letter dated 8-29-85

Dear Ms. Kenna:

185. 25E. 27

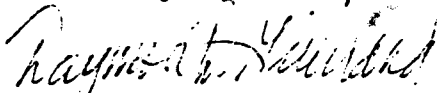
The Bookcliff Petroleum Well No. Lansdale 27-33 was drilled
and abandoned years prior to my becoming the Operator of
the Federal Lease.

Your office may have the logs on P.I.'s film but in any
case you may purchase the logs from P.I.

The Completion Report was made based on information gleaned
from your records.

Sorry I can't be of further assistance.

Sincerely,



Daymon D. Gililland

DDG/bg



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 4, 1985

Daymon D. Gililland
P.O. Box 1844
Grand Junction, Colorado 81502

Gentlemen:

Re: Well No. W. Bitter Creek 27-33 - Sec. 27, T. 18S., R. 25E.,
Grand County, Utah - API #43-019-30948

According to our records a "Well Completion Report" filed with this office July 2, 1985 on the above referenced well indicates the following electric logs were run: DIL-CNL-FDC. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than October 18, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/46

GRAND (D) ! sw se SL
 GREATER CISCO AREA ! Copyright 1981 !
 ! In Progress !

Oper: BOOKCLIFF PETROLEUM INC. API# 43-019-30948

Well: WEST BITTER CREEK 27-33 H# 124769

NL: 6/ 9/82 Spud: 8/27/82 TD: 1260

Loc: 590 fsl 2395 fel EL: 4820 GR TD Date: 8/31/82 Last Info: 10/25/82

F.Test: 1830 Entrada Con: Frontier #1

Logs DIL CNL-FDC

Toes L/T Dakota 348 Morrison 580 Entrada 1200

Perfs tested approx 100 MCFGPD, open hole

Journal 9/7/82 SI. WOPL to test. 10/4/82 SI. 10/25/82 SI.

velby m card

*Cari, This is HL data
 to supplement our
 empty file.*

*Youn
 7-29*

UTAH ! HOTLINE ! 20S - 21E - 16
 ! ENERGY REPORTS !

GRAND (D) ! ne se SL
 GREATER CISCO AREA ! Copyright 1981 !
 ! In Progress !

Oper: SUN INTERNATIONAL, INC. API# 43-019-30675

Well: STATE 16-3 H# 109677

NL: 7/31/80

Loc: 1810 fsl 500 fel EL: 5409 GR Last Info: 8/26/82

F.Test: 3500 Test

*attached
 compl.*

Perfs 2633-39, 2890-94, 2935-37, 3035, 39, 44, 46, 53, 55 (Dakota) w/1 SPF -
 subd all w/tr of oil

Journal 9/22/81 WOCT. 11/12/81 completions. 1/26/82 perf'd & tstd Dakota,
 temporarily suspended. 3/1/82 perf'd; temporarily suspended. 3/4/82